



11800 Sunrise Valley Drive, Suite 1200
Reston, Virginia 20191
(703) 648-0822 Fax (703) 648-0575

Indoor Air Quality Survey Report

Skyline V, Suite 900

Delivery Order Number MDA 946-00-D-0020 – Log Number 0426F
Applied Environmental Reference Number 910-02-0520-0426

January 7, 2004

Submitted to: DOD, WHS, RE & F/FFD
Attn: Mr. Peter Gillson
Pentagon Building, Room 5E320A
Arlington, Virginia 20301-1155

EXECUTIVE SUMMARY

Applied Environmental, Inc. conducted an Indoor Air Quality (IAQ) survey of Suite 900 at the Skyline V office building in Falls Church, Virginia. The initial survey was conducted on November 17 through 19, 2003. Additional sampling performed at the request of the occupants was conducted on December 8, 2003. The investigation was performed by William Lee, Staff Industrial Hygienist, in response to occupant complaints of medical conditions perceived to be related to IAQ following repeated water incursion into the suite. The assessment consisted of direct-reading measurement of carbon monoxide (CO), carbon dioxide (CO₂), temperature, and relative humidity. In addition, microbial air sampling was performed to measure viable airborne fungal and bacterial concentrations throughout the suite.

Air quality within Suite 900 of the Skyline V office building was within acceptable limits for most of the parameters measured. Temperatures exceeded the recommended comfort ranges in some locations. Microbial air concentrations were low in most locations and the organisms identified would not be anticipated to cause adverse health effects at the concentrations measured. However, in Rooms 9176, 9187, 9189, 9190, 9194, 9197, and 9196, fungal concentrations were moderately elevated and some of the organisms identified have been associated with adverse health effects, including *Aspergillus* and *Penicillium* species fungi. Visually inspected Heating, Ventilation and Air-Conditioning (HVAC) equipment was clean.

The recommendations for Skyline V, Suite 900 include:

- All water incursion sources in this suite must be identified and eliminated.
- Water damaged building materials allowed to remain wet for more than 48 hours should be removed and replaced, such as materials occupants reported that remained wet for several days, including carpeting, insulation and gypsum wallboard.

Full recommendations are provided at the conclusion of this report.

LOCATION DESCRIPTION

The office suite designated as Skyline V, Suite 900 is composed of 115 offices and conference rooms and one medium sized copy room. There are approximately 167 employees assigned to the suite. A copy of the floor plan is provided in Attachment 1.

Worker activities consist of typical office and administrative operations. No assembly, manufacturing, or other industrial operations are conducted in this area. The rooms contain typical office furnishings. Interior building materials consist of typical office components including gypsum wallboard, eight-foot suspended acoustic tile ceilings, and carpeting over concrete floors.

Housekeeping was satisfactory with light to moderate dust accumulation observed on horizontal surfaces in the suite. Water stained ceiling tiles in several offices, and many large stains on carpet in the common areas were present. The suite has experienced several rain water intrusions generally from the windows facing the courtyard near the vicinity of Room 9190. The last water incursion was reported to have occurred in September 2003. Building materials were reported to be significantly damaged during the rain event. In addition, water damaged building materials were reported by the suite occupants to be left in the damaged condition for approximately three days before any reactive abatement procedures commenced. As reported by the occupants, some base cove of affected walls was removed and cuts or openings were made to promote drying. No carpet was replaced. During the current survey, no obvious signs of microbial growth were observed.

Many odors from occupant attempts to improve the workspace ambient air, were noted throughout the suite. In addition, odors related to food and cooking were observed in the vicinity of the kitchenettes.

Supplies consisted of typical office products. No Hazardous Materials Inventories were available or chemicals stored were anticipated to adversely affect IAQ in the site.

SAMPLING STRATEGY

The IAQ survey, industrial hygiene sampling, and data interpretation were completed in accordance with protocol established by the following agencies and non-regulatory standards, as appropriate:

- Occupational Safety and Health Administration (OSHA);
- Environmental Protection Agency (EPA);
- National Institutes for Occupational Safety and Health (NIOSH);
- American Conference of Governmental Industrial Hygienists (ACGIH);
- American Industrial Hygiene Association (AIHA);
- American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., (ASHRAE);
- World Health Organization (WHO); and
- Current industry standards.

SAMPLING RESULTS

The sampling locations and the results of the measurements collected are presented in the following data tables along with relevant comparison criteria for each sampling parameter.

Direct-Reading Measurements
November 17, 2003

| Location | Time | Carbon Dioxide (ppm) | Temperature (°F) | Relative Humidity (%) | Carbon Monoxide (ppm) |
|---------------------|------------|---|--|----------------------------------|---------------------------------|
| COMPARISON CRITERIA | | Outdoor Concentration + 700 ppm (ASHRAE) <1,000 ppm (NIOSH/OSHA) | 73-79°F summer/transitional 68-74°F winter/transitional ASHRAE 68-76°F OSHA | 30-60% (ASHRAE) 20-60% (OSHA) | 50 ppm (OSHA) 9 ppm (ASHRAE) |
| Outdoors | 8:55 a.m. | 370 | 50.9 | 80.7 | 0 |
| | 4:48 p.m. | 397 | 54.0 | 84.0 | 0 |
| Room 9093 | 9:17 a.m. | 606 | 69.8 | 49.7 | 0 |
| | 2:10 p.m. | 528 | 70.7 | 47.1 | 0 |
| Room 9095 | 9:21 a.m. | 599 | 70.0 | 45.1 | 0 |
| | 2:12 p.m. | 481 | 73.6 | 43.3 | 0 |
| Room 9099 | 9:24 a.m. | 583 | 71.2 | 44.8 | 0 |
| | 2:15 p.m. | 589 | 73.2 | 43.7 | 0 |
| Room 9096 | 9:27 a.m. | 561 | 70.1 | 43.0 | 0 |
| | 2:17 p.m. | 492 | 72.9 | 44.7 | 0 |
| Room 9101 | 9:30 a.m. | 573 | 69.9 | 43.9 | 0 |
| | 2:19 p.m. | 547 | 73.0 | 43.2 | 0 |
| Room 9105 | 9:32 a.m. | 580 | 68.3 | 45.2 | 0 |
| | 2:22 p.m. | 503 | 70.1 | 44.1 | 0 |
| Room 9103 | 9:35 a.m. | 559 | 70.9 | 46.0 | 0 |
| | 2:25 p.m. | 504 | 70.4 | 46.9 | 0 |
| Room 9106 | 9:37 a.m. | 543 | 70.7 | 44.4 | 0 |
| | 2:27 p.m. | 590 | 70.6 | 47.3 | 0 |
| Room 9107 | 9:40 a.m. | 557 | 70.3 | 44.9 | 0 |
| | 2:30 p.m. | 488 | 71.4 | 47.1 | 0 |
| Room 9109 | 9:42 a.m. | 589 | 70.7 | 44.1 | 0 |
| | 2:32 p.m. | 526 | 71.0 | 46.5 | 0 |
| Room 9116 | 9:44 a.m. | 573 | 71.3 | 44.3 | 0 |
| | 2:34 p.m. | 504 | 71.6 | 46.6 | 0 |
| Room 9110 | 9:46 a.m. | 563 | 71.5 | 43.4 | 0 |
| | 2:36 p.m. | 525 | 72.1 | 46.2 | 0 |
| Room 9112 | 9:48 a.m. | 568 | 71.7 | 42.9 | 0 |
| | 2:38 p.m. | 680 | 72.4 | 45.8 | 0 |
| Room 9181 | 9:52 a.m. | 501 | 70.5 | 43.7 | 0 |
| | 2:40 p.m. | 476 | 71.1 | 45.4 | 0 |
| Room 9180 | 9:54 a.m. | 517 | 70.6 | 45.0 | 0 |
| | 2:43 p.m. | 509 | 72.6 | 45.1 | 0 |
| Room 9179 | 9:56 a.m. | 538 | 71.2 | 44.2 | 0 |
| | 2:46 p.m. | 511 | 72.7 | 44.9 | 0 |
| Room 9187A | 9:58 a.m. | 504 | 70.1 | 44.0 | 0 |
| | 2:48 p.m. | 532 | 71.8 | 45.2 | 0 |
| Room 9177 | 10:01 a.m. | 553 | 69.9 | 45.5 | 0 |
| | 2:50 p.m. | 507 | 71.9 | 45.6 | 0 |
| Room 9188 | 10:03 a.m. | 517 | 69.3 | 45.9 | 0 |
| | 2:53 p.m. | 494 | 70.4 | 46.4 | 0 |

Indoor Air Quality Survey Report**Skyline V, Suite 900****Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426****Page 4**

| Location | Time | Carbon Dioxide (ppm) | Temperature (°F) | Relative Humidity (%) | Carbon Monoxide (ppm) |
|----------------------------------|------------|----------------------|------------------|-----------------------|-----------------------|
| Room 9189 | 10:06 a.m. | 575 | 69.1 | 46.4 | 0 |
| | 2:56 p.m. | 503 | 70.6 | 47.3 | 0 |
| Room 9207 | 10:09 a.m. | 541 | 69.6 | 45.9 | 0 |
| | 2:58 p.m. | 586 | 71.1 | 46.8 | 0 |
| Room 9206 | 10:12 a.m. | 547 | 69.8 | 45.8 | 0 |
| | 3:01 p.m. | 535 | 71.4 | 47.0 | 0 |
| Room 9204 | 10:14 a.m. | 516 | 69.3 | 45.7 | 0 |
| | 3:03 p.m. | 503 | 71.8 | 46.6 | 0 |
| Room 9199 | 10:16 a.m. | 542 | 70.4 | 45.7 | 0 |
| | 3:05 p.m. | 501 | 71.3 | 46.7 | 0 |
| Room 9198 | 10:18 a.m. | 512 | 69.8 | 45.4 | 0 |
| | 3:07 p.m. | 473 | 70.9 | 46.2 | 0 |
| Room 9192 | 10:21 a.m. | 613 | 69.1 | 47.2 | 0 |
| | 3:09 p.m. | 485 | 71.3 | 47.2 | 0 |
| Room 9193 | 10:23 a.m. | 500 | 69.3 | 46.1 | 0 |
| | 3:11 p.m. | 532 | 71.6 | 47.3 | 0 |
| Room 9173 | 10:26 a.m. | 523 | 69.7 | 46.2 | 0 |
| | 3:13 p.m. | 456 | 71.6 | 45.4 | 0 |
| Room 9176 | 10:28 a.m. | 664 | 70.4 | 47.4 | 0 |
| | 3:16 p.m. | 690 | 72.2 | 46.8 | 0 |
| Room 9170 | 10:32 a.m. | 572 | 71.0 | 44.3 | 0 |
| | 3:18 p.m. | 553 | 72.4 | 46.1 | 0 |
| Room 9169 | 10:35 a.m. | 589 | 71.8 | 43.1 | 0 |
| | 3:20 p.m. | 588 | 73.1 | 45.4 | 0 |
| Room 9168 | 10:38 a.m. | 551 | 71.6 | 43.9 | 0 |
| | 3:23 p.m. | 485 | 73.6 | 43.5 | 0 |
| Room 9158 | 10:40 a.m. | 547 | 71.5 | 44.2 | 0 |
| | 3:25 p.m. | 530 | 72.6 | 44.1 | 0 |
| Room 9161 | 10:42 a.m. | 506 | 70.8 | 44.5 | 0 |
| | 3:27 p.m. | 474 | 71.5 | 44.7 | 0 |
| Room 9163 | 10:44 a.m. | 479 | 70.4 | 44.8 | 0 |
| | 3:29 p.m. | 468 | 71.0 | 45.8 | 0 |
| Room 9164 | 10:46 a.m. | 492 | 70.8 | 45.4 | 0 |
| | 3:31 p.m. | 513 | 71.2 | 47.1 | 0 |
| Room 9156 | 10:48 a.m. | 520 | 69.0 | 45.8 | 0 |
| | 3:33 p.m. | 634 | 69.3 | 46.4 | 0 |
| Mail room area near Room 9157 | 10:51 a.m. | 549 | 71.5 | 46.7 | 0 |
| | 3:36 p.m. | 516 | 71.9 | 47.9 | 0 |
| Room 9157 | 10:53 a.m. | 551 | 70.7 | 46.0 | 0 |
| | 3:38 p.m. | 505 | 71.0 | 47.6 | 0 |
| Room 9150 | 10:55 a.m. | 522 | 70.2 | 46.0 | 0 |
| | 3:41 p.m. | 539 | 70.6 | 48.3 | 0 |
| Room 9148 | 10:58 a.m. | 526 | 71.2 | 44.7 | 0 |
| | 3:43 p.m. | 596 | 70.9 | 48.2 | 0 |
| Room 9146 | 11:00 a.m. | 545 | 71.6 | 44.2 | 0 |
| | 3:45 p.m. | 512 | 70.6 | 47.7 | 0 |
| Room 9145 | 11:03 a.m. | 495 | 70.9 | 44.6 | 0 |
| | 3:47 p.m. | 473 | 70.4 | 47.3 | 0 |
| Room 9143 | 11:05 a.m. | 503 | 71.2 | 45.6 | 0 |
| | 3:50 p.m. | 478 | 71.9 | 45.3 | 0 |
| Room 9142 | 11:07 a.m. | 573 | 71.6 | 45.7 | 0 |
| | 3:52 p.m. | 489 | 70.8 | 47.8 | 0 |
| Room 9141 | 11:09 a.m. | 563 | 71.5 | 45.3 | 0 |
| | 3:54 p.m. | 540 | 71.7 | 45.7 | 0 |
| Room 9140 | 11:11 a.m. | 506 | 71.6 | 44.9 | 0 |
| | 3:56 p.m. | 517 | 71.5 | 46.1 | 0 |

Indoor Air Quality Survey Report**Skyline V, Suite 900****Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426****Page 5**

| Location | Time | Carbon Dioxide (ppm) | Temperature (°F) | Relative Humidity (%) | Carbon Monoxide (ppm) |
|------------|------------|----------------------|------------------|-----------------------|-----------------------|
| Room 9139 | 11:13 a.m. | 522 | 71.8 | 44.1 | 0 |
| | 3:58 p.m. | 493 | 71.3 | 45.9 | 0 |
| Room 9136 | 11:16 a.m. | 479 | 72.0 | 43.5 | 0 |
| | 4:01 p.m. | 581 | 71.5 | 46.0 | 0 |
| Room 9137 | 11:19 a.m. | 497 | 72.6 | 44.2 | 0 |
| | 4:05 p.m. | 520 | 71.9 | 46.4 | 0 |
| Room 9136A | 11:21 a.m. | 486 | 72.2 | 43.1 | 0 |
| | 4:03 p.m. | 492 | 72.0 | 47.1 | 0 |
| Room 9133 | 11:24 a.m. | 492 | 72.8 | 43.6 | 0 |
| | 4:07 p.m. | 546 | 72.7 | 45.3 | 0 |
| Room 9134 | 11:27 a.m. | 500 | 72.9 | 42.7 | 0 |
| | 4:09 p.m. | 518 | 73.3 | 44.2 | 0 |
| Room 9128 | 11:30 a.m. | 522 | 73.6 | 41.9 | 0 |
| | 4:11 p.m. | 493 | 73.1 | 44.0 | 0 |
| Room 9127 | 11:32 a.m. | 538 | 73.7 | 41.8 | 0 |
| | 4:13 p.m. | 501 | 73.4 | 43.9 | 0 |
| Room 9132 | 11:34 a.m. | 500 | 74.0 | 41.2 | 0 |
| | 4:15 p.m. | 489 | 73.4 | 44.0 | 0 |
| Room 9126 | 11:37 a.m. | 489 | 72.9 | 41.5 | 0 |
| | 4:17 p.m. | 486 | 73.6 | 44.5 | 0 |
| Room 9124 | 11:39 a.m. | 515 | 72.4 | 42.4 | 0 |
| | 4:19 p.m. | 464 | 72.9 | 44.4 | 0 |
| Room 9108B | 11:41 a.m. | 498 | 72.8 | 43.1 | 0 |
| | 4:21 p.m. | 562 | 72.9 | 44.9 | 0 |

After the initial work order was successfully completed, the suite occupants requested additional sampling to include every office in the suite. An amendment to the original work order was issued and subsequent sampling commenced.

Direct-Reading Measurements**December 8, 2003**

| Location | Time | Carbon Dioxide (ppm) | Temperature (°F) | Relative Humidity (%) | Carbon Monoxide (ppm) |
|---------------------|------------|---|--|----------------------------------|---------------------------------|
| COMPARISON CRITERIA | | Outdoor Concentration + 700 ppm (ASHRAE) <1,000 ppm (NIOSH/OSHA) | 73-79°F summer/transitional 68-74°F winter/transitional ASHRAE 68-76°F OSHA | 30-60% (ASHRAE) 20-60% (OSHA) | 50 ppm (OSHA) 9 ppm (ASHRAE) |
| Room 9096 | 10:55 a.m. | 701 | 69.2 | 28.7 | 0 |
| Room 9094 | 10:59 a.m. | 730 | 74.4 | 24.5 | 0 |
| Room 9101 | 11:03 a.m. | 678 | 74.8 | 21.6 | 0 |
| Room 9103 | 11:08 a.m. | 622 | 73.9 | 20.7 | 0 |
| Room 9108B | 11:13 a.m. | 736 | 73.9 | 21.6 | 0 |
| Room 9109 | 11:16 a.m. | 648 | 72.7 | 21.0 | 0 |
| Room 9119 | 11:21 a.m. | 629 | 72.9 | 22.0 | 0 |
| Room 9120 | 11:25 a.m. | 686 | 73.1 | 22.1 | 0 |
| Room 9126 | 11:30 a.m. | 629 | 73.1 | 21.1 | 0 |
| Room 9131 | 11:34 a.m. | 700 | 73.4 | 22.1 | 0 |

Indoor Air Quality Survey Report**Skyline V, Suite 900****Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426****Page 6**

| Location | Time | Carbon Dioxide (ppm) | Temperature (°F) | Relative Humidity (%) | Carbon Monoxide (ppm) |
|------------|------------|----------------------|------------------|-----------------------|-----------------------|
| Room 9132 | 11:39 a.m. | 741 | 72.7 | 22.0 | 0 |
| Room 9133 | 11:42 a.m. | 757 | 72.9 | 22.2 | 0 |
| Room 9136 | 11:45 a.m. | 683 | 72.6 | 22.0 | 0 |
| Room 9138 | 11:49 a.m. | 634 | 72.7 | 23.0 | 0 |
| Room 9139 | 11:53 a.m. | 638 | 72.8 | 21.7 | 0 |
| Room 9140 | 11:56 a.m. | 663 | 73.1 | 21.2 | 0 |
| Room 9143 | 12:00 p.m. | 603 | 73.4 | 20.4 | 0 |
| Room 9145 | 12:03 p.m. | 564 | 73.6 | 20.2 | 0 |
| Room 9144 | 12:06 p.m. | 676 | 73.7 | 22.0 | 0 |
| Room 9147 | 12:09 p.m. | 519 | 73.4 | 19.8 | 0 |
| Room 9149 | 12:14 p.m. | 729 | 73.1 | 22.9 | 0 |
| Room 9150 | 12:17 p.m. | 652 | 72.0 | 21.6 | 0 |
| Room 9151 | 12:21 p.m. | 534 | 71.0 | 19.6 | 0 |
| Room 9154 | 12:24 p.m. | 491 | 71.3 | 18.8 | 0 |
| Room 9164 | 12:54 p.m. | 501 | 71.7 | 19.1 | 0 |
| Room 9162 | 12:57 p.m. | 485 | 71.8 | 19.3 | 0 |
| Room 9173 | 12:35 p.m. | 529 | 74.2 | 18.4 | 0 |
| Room 9168 | 12:31 p.m. | 547 | 74.3 | 19.1 | 0 |
| Room 9169 | 12:45 p.m. | 554 | 74.8 | 21.6 | 0 |
| Room 9172 | 2:55 p.m. | 552 | 68.3 | 20.7 | 0 |
| Room 9192 | 1:01 p.m. | 508 | 72.4 | 18.7 | 0 |
| Room 9193 | 12:42 p.m. | 513 | 75.1 | 18.5 | 0 |
| Room 9195 | 1:08 p.m. | 571 | 73.8 | 20.5 | 0 |
| Room 9199 | 1:15 p.m. | 576 | 74.9 | 18.8 | 0 |
| Room 9202 | 1:11 p.m. | 564 | 74.5 | 21.6 | 0 |
| Room 9209 | 1:19 p.m. | 536 | 74.2 | 20.2 | 0 |
| Room 9203 | 1:29 p.m. | 494 | 72.9 | 19.0 | 0 |
| Room 9204 | 1:33 p.m. | 559 | 71.5 | 18.4 | 0 |
| Room 9201A | 1:36 p.m. | 511 | 71.3 | 19.1 | 0 |
| Room 9198 | 2:39 p.m. | 560 | 74.5 | 20.1 | 0 |
| Room 9188 | 1:52 p.m. | 531 | 69.2 | 20.8 | 0 |
| Room 9186 | 2:12 p.m. | 508 | 70.5 | 21.0 | 0 |
| Room 9183 | 2:16 p.m. | 557 | 71.5 | 20.3 | 0 |
| Room 9180A | 2:19 p.m. | 642 | 72.9 | 22.0 | 0 |
| Room 9114 | 2:24 p.m. | 617 | 74.2 | 20.6 | 0 |
| Room 9112 | 2:31 p.m. | 770 | 74.6 | 25.1 | 0 |
| Outdoors | 2:38 p.m. | 428 | 34.3 | 32.6 | 0 |

Indoor Air Quality Survey Report
Skyline V, Suite 900
Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426
Page 7

The CO₂ levels measured during the survey ranged from 464 parts per million (ppm) to 770 ppm and were within the recommended guidelines in all sampling locations. The outdoor concentrations measured on November 17, 2003, ranged from 370 ppm to 397 ppm and the outdoor concentration measured on December 8, 2003 was 338 ppm.

The CO concentrations during the surveys measured 0 ppm (undetectable) in all locations and were well below the recommended maximum.

Temperatures measured during the surveys ranged from 68.3°F to 75.1°F. During the November 17, 2003, survey the temperature was within the ASHRAE and OSHA guidelines at all sample locations. During the December 8, 2003, survey the temperature at 12 sample locations exceeded the ASHRAE range but was within the OSHA range at all locations.

Relative humidity measurements during the November 17, 2003 survey were within the ASHRAE and OSHA recommended comfort range in all locations. Relative humidity measurements on December 8, 2003 were below the ASHRAE recommended comfort range in all locations; and in 13 locations were also below the OSHA range. Outdoor temperatures on November 17, 2003, ranged from 50.9°F to 54.0°F with a relative humidity ranging from 80.7% to 84.0%. On December 8, 2003, the outdoor temperature was 34.3°F with relative humidity at 32.6%.

Microbial Sampling Results
November 17, 2003

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|----------------------------|----------------------|-----------------------|---|
| BL031117-01 Room 9093 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (67%) Micrococcus species (33%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Penicillium species (100%) |
| BL031117-02 Room 9095 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 40 cfu/m ³ | Penicillium species (50%) Cladosporium species (50%) |
| BL031117-03 Room 9097 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Penicillium species (67%) Paecilomyces species (33%) |
| BL031117-04 Room 9098 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Penicillium species (34%) Rhinochlamydia species (33%) Cladosporium species (33%) |
| BL031117-05 Room 9099 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Penicillium species (67%) Sterilia mycelia (33%) |
| BL031117-06 Room 9100 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-07 Room 9104 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Cladosporium species (50%) Paecilomyces species (50%) |

Indoor Air Quality Survey Report**Skyline V, Suite 900****Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426****Page 8**

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|----------------------------|----------------------|-----------------------|--|
| BL031117-08 Room 9105 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-09 Room 9102 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (67%) Sterilia mycelia (33%) |
| BL031117-10 Room 9106 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 90 cfu/m ³ | Penicillium species (33%) Cladosporium species (22%) Aspergillus sydowii (11%) Paecilomyces species (11%) Rhinochadiella species (11%) |
| BL031117-11 Room 9107 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (34%) Penicillium species (33%) Sterilia mycelia (33%) |
| BL031117-12 Room 9108A | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 50 cfu/m ³ | Cladosporium species (60%) Penicillium species (20%) Paecilomyces species (20%) |
| BL031117-13 Room 9117 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Penicillium species (34%) Yeast (33%) Sterilia mycelia (33%) |
| BL031117-14 Room 9116 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Micrococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Penicillium species (67%) Sterilia mycelia (33%) |
| BL031117-15 Room 9118 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Cladosporium species (50%) Penicillium species (50%) |
| BL031117-16 Room 9117A | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (34%) Micrococcus species (33%) Bacillus species (33%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Aspergillus fumigatus (50%) Penicillium species (50%) |
| BL031117-17 Room 9110 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Micrococcus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-18 Room 9111 | Bacteria , Air, ID 1 | 60 cfu/m ³ | Coagulase-negative Staphylococcus species (83%) Micrococcus species (17%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Cladosporium species (50%) Sterilia mycelia (50%) |
| BL031117-19 Room 9115 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-20 Room 9180 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (100%) |

Indoor Air Quality Survey Report

Skyline V, Suite 900

Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426

Page 9

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|----------------------------|----------------------|----------------------------|--|
| BL031117-21 Room 9113 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Penicillium species (50%) Cladosporium species (50%) |
| BL031117-22 Room 9179 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-23 Room 9181 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (34%) Rhinochadiella species (33%) Sterilia mycelia (33%) |
| BL031117-24 Room 9187A | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Sterilia mycelia (100%) |
| BL031117-25 Room 9182 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Aphanocladium species (100%) |
| BL031117-26 Room 9178 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Sterilia mycelia (67%) Cladosporium species (33%) |
| BL031117-27 Room 9177 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-28 Room 9187B | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 530 cfu/m ³ | Aspergillus niger (100%) |
| BL031117-29 Room 9176 | Bacteria , Air, ID 1 | ** | N/A |
| | Fungus, Air, ID 1 | >13,000 cfu/m ³ | Aspergillus niger (100%) |
| BL031117-30 Room 9197 | Bacteria , Air, ID 1 | * 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Micrococcus species (50%) |
| | Fungus, Air, ID 1 | 710 cfu/m ³ | Aspergillus niger (100%) |
| BL031117-31 Room 9196 | Bacteria , Air, ID 1 | * 30 cfu/m ³ | Coagulase-negative Staphylococcus species (67%) Micrococcus species (33%) |
| | Fungus, Air, ID 1 | 430 cfu/m ³ | Aspergillus niger (95%) Penicillium species (5%) |
| BL031117-32 Room 9190 | Bacteria , Air, ID 1 | * 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Bacillus species (50%) |
| | Fungus, Air, ID 1 | 1,100 cfu/m ³ | Aspergillus niger (100%) |
| BL031117-33 Room 9194 | Bacteria , Air, ID 1 | * 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Micrococcus species (50%) |
| | Fungus, Air, ID 1 | 400 cfu/m ³ | Aspergillus niger (100%) |
| BL031117-34 Room 9189 | Bacteria , Air, ID 1 | * 40 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Bacillus species (25%) Corynebacterium species (25%) |
| | Fungus, Air, ID 1 | 710 cfu/m ³ | Aspergillus niger (97%) Penicillium species (3%) |

Indoor Air Quality Survey Report

Skyline V, Suite 900

Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426

Page 10

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|----------------------------|----------------------|------------------------|--|
| BL031117-35 Room 9191 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (34%) Micrococcus species (33%) Corynebacterium species (33%) |
| | Fungus, Air, ID 1 | 90 cfu/m ³ | Aspergillus niger (56%) Cladosporium species (22%) Penicillium species (22%) |
| BL031117-36 Room 9174 | Bacteria , Air, ID 1 | 290 cfu/m ³ | Coagulase-negative Staphylococcus species (67%) Micrococcus species (19%) Corynebacterium species (14%) |
| | Fungus, Air, ID 1 | 40 cfu/m ³ | Aspergillus niger (75%) Penicillium species (25%) |
| BL031117-37 Room 9208 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (67%) Aspergillus niger (33%) |
| BL031117-38 Room 9207 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Sterilia mycelia (100%) |
| BL031117-39 Room 9206 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Penicillium species (67%) Cladosporium species (33%) |
| BL031117-40 Room 9201 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 100 cfu/m ³ | Cladosporium species (40%) Sterilia mycelia (30%) Penicillium species (20%) Aspergillus fumigatus (10%) |
| BL031117-41 Room 9205 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-42 Room 9171 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Micrococcus species (50%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Penicillium species (50%) Cladosporium species (50%) |
| BL031117-43 Room 9170 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (67%) Penicillium species (33%) |
| BL031117-44 Room 9175 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 60 cfu/m ³ | Aspergillus fumigatus (34%) Penicillium species (33%) Cladosporium species (33%) |
| BL031117-45 Room 9167 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Sterilia mycelia (67%) Cladosporium species (33%) |
| BL031117-46 Room 9165 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Cladosporium species (100%) |

Indoor Air Quality Survey Report**Skyline V, Suite 900****Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426****Page 11**

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|---|----------------------|------------------------|---|
| BL031117-47 Room 9161 | Bacteria , Air, ID 1 | 120 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Corynebacterium species (25%) Micrococcus species (17%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Aspergillus fumigatus (50%) Cladosporium species (50%) |
| BL031117-48 Room 9163 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Cladosporium species (50%) Sterilia mycelia (50%) |
| BL031117-49 Room 9158 | Bacteria , Air, ID 1 | 40 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (67%) Geotrichum species (33%) |
| BL031117-50 Room 9156 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Penicillium species (100%) |
| BL031117-51 Kitchenette in hall, near Room 9157 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (67%) Yeast (33%) |
| BL031117-52 Room 9157 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Corynebacterium species (50%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-53 Room 9152 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (67%) Penicillium species (33%) |
| BL031117-54 Room 9148 | Bacteria , Air, ID 1 | 40 cfu/m ³ | Bacillus species (75%) Coagulase-negative Staphylococcus species (25%) |
| | Fungus, Air, ID 1 | 40 cfu/m ³ | Aspergillus fumigatus (50%) Penicillium species (25%) Sterilia mycelia (25%) |
| BL031117-55 Room 9146 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (67%) Micrococcus species (33%) |
| | Fungus, Air, ID 1 | 60 cfu/m ³ | Cladosporium species (50%) Penicillium species (33%) Sterilia mycelia (17%) |
| BL031117-56 Room 9142 | Bacteria , Air, ID 1 | 80 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Micrococcus species (26%) Staphylococcus aureus (12%) |
| | Fungus, Air, ID 1 | 50 cfu/m ³ | Cladosporium species (60%) Penicillium species (20%) Sterilia mycelia (20%) |
| BL031117-57 Room 9142 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 40 cfu/m ³ | Sterilia mycelia (75%) Cladosporium species (25%) |
| BL031117-58 Room 9136C | Bacteria , Air, ID 1 | 40 cfu/m ³ | Micrococcus species (50%) Bacillus species (25%) Corynebacterium species (25%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Sterilia mycelia (67%) Cladosporium species (33%) |

Indoor Air Quality Survey Report

Skyline V, Suite 900

Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426

Page 12

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|--|----------------------|------------------------------|---|
| BL031117-59 Room 9137 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Sterilia mycelia (100%) |
| BL031117-60 Room 9136 | Bacteria , Air, ID 1 | 110 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Penicillium species (100%) |
| BL031117-61 Room 9135 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Bacillus species (50%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Sterilia mycelia (100%) |
| BL031117-62 Room 9136C | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 40 cfu/m ³ | Sterilia mycelia (50%) Aspergillus fumigatus (25%) Geotrichum species (25%) |
| BL031117-63 Room 9134 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Micrococcus species (67%) Coagulase-negative Staphylococcus species (33%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Cladosporium species (100%) |
| BL031117-64 Room 9128 | Bacteria , Air, ID 1 | 40 cfu/m ³ | Coagulase-negative Staphylococcus species (75%) Corynebacterium species (25%) |
| | Fungus, Air, ID 1 | 80 cfu/m ³ | Cladosporium species (50%) Sterilia mycelia (38%) Penicillium species (12%) |
| BL031117-65 Room 9129 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031117-66 Room 9121 | Bacteria , Air, ID 1 | 80 cfu/m ³ | Coagulase-negative Staphylococcus species (88%) Corynebacterium species (12%) |
| | Fungus, Air, ID 1 | *** 50 cfu/m ³ | Penicillium species (40%) Cladosporium species (40%) Geotrichum species (20%) |
| BL031117-67 Room 9127 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (34%) Penicillium species (22%) Sterilia mycelia (33%) |
| BL031117-68 Room 9124 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Sterilia mycelia (100%) |
| BL031117-69 Elevator area-core | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 30 cfu/m ³ | Cladosporium species (67%) Sterilia mycelia (33%) |
| BL031117-70 Outdoors | Bacteria , Air, ID 1 | 40 cfu/m ³ | Corynebacterium species (75%) Bacillus species (25%) |
| | Fungus, Air, ID 1 | 150 cfu/m ³ | Cladosporium species (47%) Penicillium species (27%) Sterilia mycelia (13%) |
| Comparison Criteria (OSHA Technical Manual Contamination Indicators) 1,000 cfu/m ³ in air *Count may be underestimated due to fungal growth. **Unable to characterize and quantitate bacteria due to heavy fungal growth. ***Sample damaged in transit; able to analyze. | | | |

Indoor Air Quality Survey Report**Skyline V, Suite 900****Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426****Page 13****Microbial Sampling Results****December 8, 2003**

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|----------------------------|----------------------|-----------------------|--|
| BL031208-01 Room 9096 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-02 Room 9094 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Micrococcus species (67%) Coagulase-negative Staphylococcus species (33%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-03 Room 9101 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-04 Room 9103 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-05 Room 9108B | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-06 Room 9109 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Corynebacterium species (50%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Penicillium species (100%) |
| BL031208-07 Room 9119 | Bacteria , Air, ID 1 | 40 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Micrococcus species (25%) Bacillus species (25%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-08 Room 9120 | Bacteria , Air, ID 1 | 40 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Micrococcus species (50%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Sterilia mycelia (50%) Yeast (50%) |
| BL031208-09 Room 9126 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Micrococcus species (50%) Corynebacterium species (50%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-10 Room 9131 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-11 Room 9132 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-12 Room 9133 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Bacillus species (50%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-13 Room 9136B | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-14 Room 9138 | Bacteria , Air, ID 1 | 60 cfu/m ³ | Coagulase-negative Staphylococcus species (83%) Micrococcus species (17%) |
| | Fungus, Air, ID 1 | No growth | N/A |

Indoor Air Quality Survey Report**Skyline V, Suite 900****Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426****Page 14**

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|----------------------------|----------------------|-----------------------|--|
| BL031208-15 Room 9139 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (67%) Corynebacterium species (33%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-16 Room 9140 | Bacteria , Air, ID 1 | 80 cfu/m ³ | Bacillus species (38%) Micrococcus species (38%) Coagulase-negative Staphylococcus species (24%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-17 Room 9143 | Bacteria , Air, ID 1 | 50 cfu/m ³ | Coagulase-negative Staphylococcus species (40%) Bacillus species (40%) Non-fermentative gram-negative rods (20%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-18 Room 9145 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-19 Room 9144 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Sterilia mycelia (100%) |
| BL031208-20 Room 9147 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Aspergillus species (100%) |
| BL031208-21 Room 9149 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Aspergillus sydowii (100%) |
| BL031208-22 Room 9150 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Coagulase-negative Staphylococcus species (50%) Micrococcus species (50%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-23 Room 9151 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Sterilia mycelia (100%) |
| BL031208-24 Room 9154 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-25 Room 9164 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Bacillus species (67%) Corynebacterium species (33%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-26 Room 9162 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (67%) Bacillus species (33%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Aspergillus ustus (50%) Cladosporium species (50%) |
| BL031208-27 Room 9173 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-28 Room 9168 | Bacteria , Air, ID 1 | 20 cfu/m ³ | Bacillus species (50%) Non-fermentative gram-negative rods (50%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Yeast (100%) |
| BL031208-29 Room 9169 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Cladosporium species (100%) |

Indoor Air Quality Survey Report**Skyline V, Suite 900****Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426****Page 15**

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|----------------------------|----------------------|-----------------------|--|
| BL031208-30 Room 9172 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-31 Room 9173 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-32 Room 9192 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Streptomyces species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-33 Room 9193 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Penicillium species (50%) Sterilia mycelia (50%) |
| BL031208-34 Room 9195 | Bacteria , Air, ID 1 | 10 cfu/m ³ | Coagulase-negative Staphylococcus species (100%) |
| | Fungus, Air, ID 1 | 20 cfu/m ³ | Aspergillus niger (50%) Aspergillus species (50%) |
| BL031208-35 Room 9199 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Sterilia mycelia (67%) Micrococcus species (33%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-36 Room 9202 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-37 Room 9209 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (67%) Bacillus species (33%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-38 Room 9203 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-39 Room 9204 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-40 Room 9201A | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-41 Room 9198 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-42 Room 9188 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-43 Room 9186 | Bacteria , Air, ID 1 | 30 cfu/m ³ | Coagulase-negative Staphylococcus species (34%) Bacillus species (33%) Non-fermentative gram-negative rods (33%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-44 Room 9183 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Aspergillus niger (100%) |
| BL031208-45 Room 9180A | Bacteria , Air, ID 1 | 10 cfu/m ³ | Bacillus species (100%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-46 Room 9114 | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |

Indoor Air Quality Survey Report
Skyline V, Suite 900
Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426
Page 16

| Sampling Number & Location | Sample Type | Result | Organisms Isolated |
|--|----------------------|-----------------------|--|
| BL031208-47 Room 9112 | Bacteria , Air, ID 1 | 60 cfu/m ³ | Bacillus species (50%) Coagulase-negative Staphylococcus species (33%) Micrococcus species (17%) |
| | Fungus, Air, ID 1 | No growth | N/A |
| BL031208-48 Outdoors | Bacteria , Air, ID 1 | 10 cfu/m ³ | Non-fermentative gram-negative rods (100%) |
| | Fungus, Air, ID 1 | 10 cfu/m ³ | Aspergillus species (100%) |
| BL031208-49 Blank | Bacteria , Air, ID 1 | No growth | N/A |
| | Fungus, Air, ID 1 | No growth | N/A |
| Comparison Criteria (OSHA Technical Manual Contamination Indicators) 1,000 cfu/m ³ in air | | | |

Microbial samples were collected to determine the airborne concentrations of viable bacteria and fungi. Airborne bacterial and fungal concentrations were low in most locations. However, several offices in the vicinity of Office 9190 were reported with moderately elevated indoor fungal concentrations as compared to the conditions from the rest of the suite.

Some of the organisms identified, *Aspergillus* species, *Penicillium* species, and *Cladosporium* species fungi have been associated with adverse health effects. The data may suggest the selective amplification of these organisms in the areas surrounding Office 9190. This area was subject to the water incursion in September 2003 in which building material reportedly remained wet for several days. In areas where an increase in airborne fungal concentrations was found, these organisms could be responsible for the adverse health effects reported in by some occupants.

The laboratory data reports are included as Attachment 2.

OCCUPANT INTERVIEW RESULTS

Interviews were conducted with a representative number of occupants. Some occupants had a wide range of concerns and complaints while the majority reported no discomfort related to IAQ.

A majority of occupant complaints were related to personal comfort. Temperature issues and the perception of “stale” or stuffy air were noted. Other IAQ concerns such as asbestos and radon exposure were noted.

Upon returning to his office after the remediation effort following the September 2003 water incursion, one occupant had a reaction that affected his eyes. The occupant moved into a different office and stated that his condition subsided after the office change. His original office remains vacant at the time of the survey.

Other occupants complained of dry coughs, dry and itchy eyes and noses, and headaches during periods when the air is perceived to be stuffy.

No spatial pattern can be established using the occupant interviews. Complaints and discomfort and lack of discomfort were reported in random areas throughout the suite.

The occupant interview forms are included in Attachment 3.

VENTILATION INSPECTION

Suite 900 is supplied with conditioned air by two Air-Handling Units (AHUs) located in the penthouse mechanical room. AHU-1 serves the north side of the floor and AHU-2 serves the south side.

AHU-1 and AHU-2 are high capacity units serving all floors of the Skyline V building. The units are equipped with electric heating elements and chill water-cooling coils. The engineer assisting with the inspection indicated that the preventative maintenance schedule is performed quarterly. The filters in both units were blanket-type, spun-fiber media and were moderately loaded with particulate. The coils were moderately loaded with particulate and a moderate amount of debris was noted in the plenums. Condensate drip pans were inaccessible since the units were activated. The outdoor air dampers were 40% open and return air dampers were in the minimum position.

The penthouse mechanical room was clean and in good condition. Stored tools and equipment were present in the mechanical room. However, no chemicals or other materials that would be expected to adversely affect IAQ were observed in the penthouse mechanical room.

Supply air is introduced to Suite 900 by ceiling diffusers connected to supply ductwork. Perimeter offices are equipped with variable air volume (VAV) units, and core areas are supplied via Constant Volume distribution. Return air from the office area enters the ceiling plenum passively through perforated ceiling screens and is ducted back to the penthouse. In Office 9144, an occupant-controlled powered return air fan was observed above the return air grille. In some offices occupants had modified the supply air diffusers and return air grilles in response to personal comfort issues. Several offices had fans and heaters for personal comfort.

Room 9121 is used as a copier room and contains a supplemental cooling system in response to equipment demands. The single stage filters in the supplemental unit were moderately loaded with particulate and a large amount of dust was observed on the horizontal surfaces of the unit.

FINDINGS AND RECOMMENDATIONS

It was reported that building materials damaged by the September 2003 water incursion were allowed to remain wet for several days. The Institute of Inspection Cleaning and Restoration, Standard and Reference Guide for Professional Water Damage Restoration, IICRC S500, states that steps should be taken to promote drying as soon as possible after a water incursion or source is repaired. The standard also states that building materials that are allowed to remain wet for over 48 hours should be removed. Water damaged material that was not properly remediated could potentially support microbial reservoirs. Sample results may indicate selective amplification of some fungal organism in the areas of the latest water incursion.

Indoor Air Quality Survey Report

Skyline V, Suite 900

Delivery Order Number MDA 946-00-D-0020 – Log Number 2003-0426

Page 18

- Building materials, including gypsum drywall and carpeting, damaged in the September 2003 storm should be removed.
- Post remediation investigations should be considered to determine if any additional potential microbial reservoirs are observed prior to reconstruction.
- DOD, WHS should implement steps to ensure that off-site building management is properly responding to water damage at leased properties. A written protocol that outlines the responsibilities for responding to water damage incidents should be produced to ensure the proper repair or replacement of damaged building materials preventing microbial issues in the future.

Water damaged ceiling tiles were observed in several offices, which could potentially support microbial reservoirs. The sample results did not indicate indoor microbial amplification at the time of the survey due to damaged ceiling tiles.

- Sources of water responsible for the damage to all ceiling tiles should be identified and eliminated.
- Water damaged ceiling tiles should be replaced.

Some temperatures slightly exceeded the ASHRAE recommended comfort ranges during the afternoon hours and relative humidity measurements were below the ASHRAE and OSHA recommendations on the final day of the survey.

- Temperatures in occupied areas should be maintained within ASHRAE and OSHA guidelines and relative humidity should be maintained above 20% during the winter period.

Many odors related to the occupants attempting to improve IAQ within the suite and kitchenette areas were noted. Occupants were observed to use many different air freshening products to attempt to counter perceived odors ranging from cooking odors, rotten food, garbage odors, personal hygiene, and other sources of stagnant or malodorous conditions.

- Steps should be initiated by the office occupants to improve office and kitchen hygiene. The introduction of odor producing chemicals by occupants should be restricted since the action is likely masking potential IAQ problems or exacerbating existing potential concerns. Sensitive occupants may adversely react to continuous VOC exposure created by the overuse of air freshening agents.

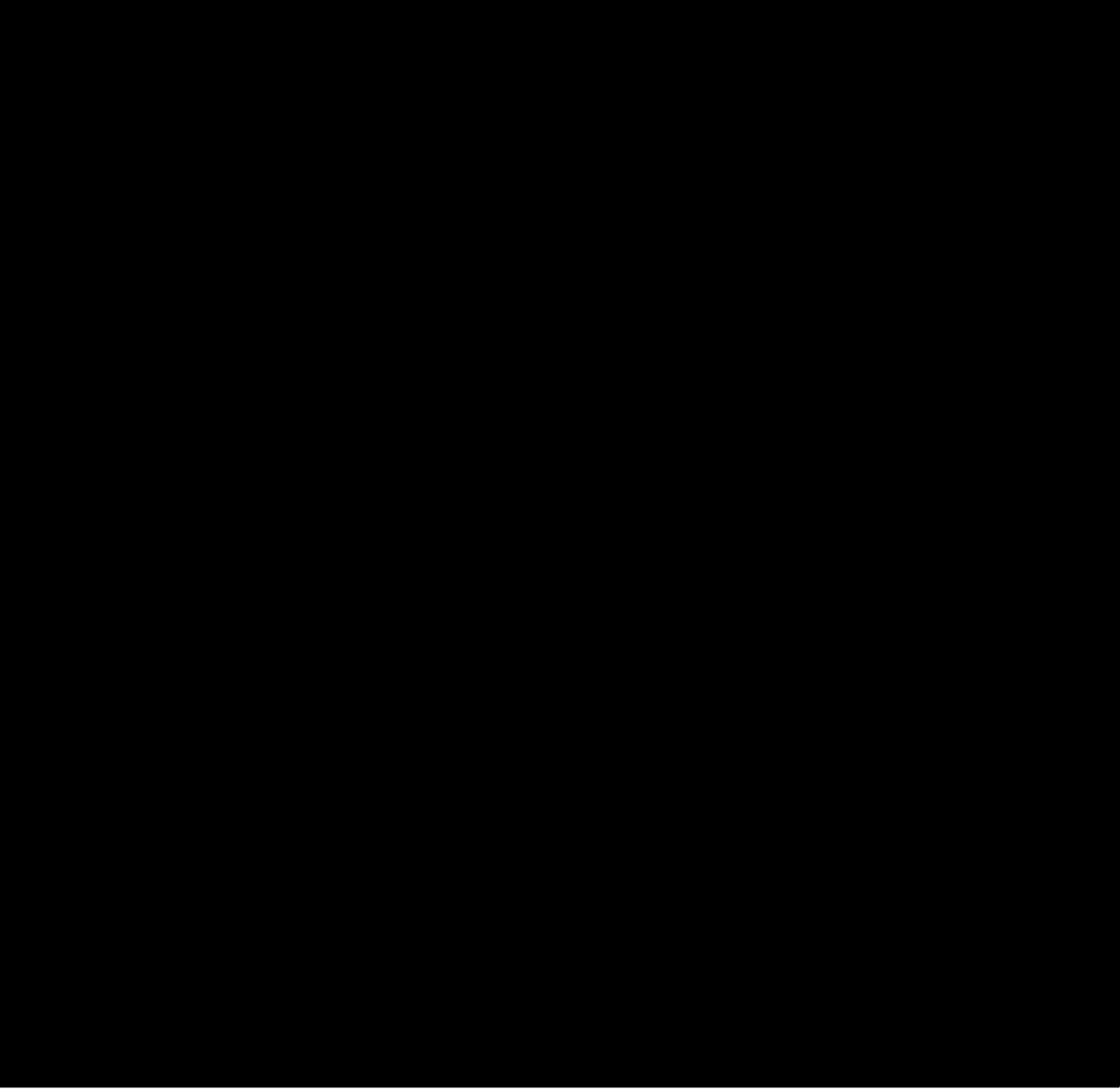
During the investigation at least one occupant was noted with a medical condition perceived to be related to IAQ.

- Affected individuals should be provided with a copy of this report and encouraged to interact with their physician or other qualified medical personnel.

ATTACHMENT 1

FLOOR PLAN

(b) (5), (b) (7)(F)



ATTACHMENT 2
LABORATORY REPORTS

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 1 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520-0426

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-01 | Lab Sample Number: | 03 7231-01 |
| Sampling Location: | Room 9093 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m3

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 67% |
| | Micrococcus species | 33% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m3

| | | |
|------------------|---------------------|------|
| FUNGUS Isolated: | Penicillium species | 100% |
|------------------|---------------------|------|

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 2 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-02 | Lab Sample Number: | 03 7231-02 |
| Sampling Location: | Room 9095 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 40 cfu/m³

FUNGUS Isolated: Penicillium species 50%

Cladosporium species 50%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 3 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-03 | Lab Sample Number: | 03 7231-03 |
| Sampling Location: | Room 9097 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Bacillus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Penicillium species 67%

 Paecilomyces species 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 4 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-04

Lab Sample Number: 03 7231-04

Sampling Location: Room 9098

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m3

| | | |
|------------------|------------------------|-----|
| FUNGUS Isolated: | Penicillium species | 34% |
| | Rhinochadiella species | 33% |
| | Cladosporium species | 33% |

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 5 of 71

Job ID: 03 7231

Client Sample Number: BL031117-05

Lab Sample Number: 03 7231-05

Sampling Location: Room 9099

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m3

FUNGUS Isolated: Penicillium species

67%

Sterilia mycelia

33%

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 6 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-06 | Lab Sample Number: | 03 7231-06 |
| Sampling Location: | Room 9100 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 7 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-07

Lab Sample Number: 03 7231-07

Sampling Location: Room 9104

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/identifications
1030 AIR, Total FUNGAL Count w/identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

FUNGUS Isolated: Cladosporium species 50%

Paecilomyces species 50%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 8 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-08 | Lab Sample Number: | 03 7231-08 |
| Sampling Location: | Room 9105 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 9 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-09 | Lab Sample Number: | 03 7231-09 |
| Sampling Location: | Room 9102 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Cladosporium species | 67% |
| | Sterilia mycelia | 33% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 10 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-10 | Lab Sample Number: | 03 7231-10 |
| Sampling Location: | Room 9106 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 90 cfu/m³

FUNGUS Isolated: Penicillium species 33%

 Cladosporium species 22%

 Aspergillus sydowii 11%

 Paecilomyces species 11%

 Rhinocladiella species 11%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 11 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-11 | Lab Sample Number: | 03 7231-11 |
| Sampling Location: | Room 9107 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Cladosporium species 34%

 Penicillium species 33%

 Sterilia mycelia 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 12 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-12 | Lab Sample Number: | 03 7231-12 |
| Sampling Location: | Room 9108A | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1030 AIR, Total FUNGAL Count w/Identifications**
 1005 AIR, Total BACTERIAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 50 cfu/m³

FUNGUS Isolated: Cladosporium species 60%

Penicillium species 20%

Paecilomyces species 20%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 13 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-13

Lab Sample Number: 03 7231-13

Sampling Location: Room 9117

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Penicillium species 34%

Yeast 33%

Sterilia mycelia 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 14 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-14 | Lab Sample Number: | 03 7231-14 |
| Sampling Location: | Room 9116 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Micrococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Penicillium species 67%
Sterilia mycellia 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 15 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-15 | Lab Sample Number: | 03 7231-15 |
| Sampling Location: | Room 9118 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Bacillus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

FUNGUS Isolated: Cladosporium species 50%

Penicillium species 50%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 16 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-16 Lab Sample Number: 03 7231-16

Sampling Location: Room 9117A

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 34%
 Micrococcus species 33%
 Bacillus species 33%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

FUNGUS Isolated: Aspergillus fumigatus 50%
 Penicillium species 50%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 17 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-17

Lab Sample Number: 03 7231-17

Sampling Location: Room 9110

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Micrococcus species

100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 18 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-18 Lab Sample Number: 03 7231-18

Sampling Location: Room 9111

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 60 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 83%
 Micrococcus species 17%

Date Analyzed: 11/21/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

FUNGUS Isolated: Cladosporium species 50%
 Sterilia mycelia 50%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 19 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-19

Lab Sample Number: 03 7231-19

Sampling Location: Room 9115

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/identifications
1030 AIR, Total FUNGAL Count w/identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 20 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-20 | Lab Sample Number: | 03 7231-20 |
| Sampling Location: | Room 9180 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Cladosporium species 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 21 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-21

Lab Sample Number: 03 7231-21

Sampling Location: Room 9113

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m3

FUNGUS Isolated: Penicillium species

50%

Cladosporium species

50%

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 22 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-22 | Lab Sample Number: | 03 7231-22 |
| Sampling Location: | Room 9179 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 23 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-23 | Lab Sample Number: | 03 7231-23 |
| Sampling Location: | Room 9181 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: **No growth**

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m3

| | | |
|------------------|------------------------|-----|
| FUNGUS Isolated: | Cladosporium species | 34% |
| | Rhinochadiella species | 33% |
| | Sterilia mycelia | 33% |

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 24 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-24 | Lab Sample Number: | 03 7231-24 |
| Sampling Location: | Room 9187A | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Sterilia mycelia 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 25 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-25 | Lab Sample Number: | 03 7231-25 |
| Sampling Location: | Room 9182 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Aphanocladium species 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 26 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-26

Lab Sample Number: 03 7231-26

Sampling Location: Room 9178

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Sterilia mycelia 67%

Cladosporium species 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 27 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-27 | Lab Sample Number: | 03 7231-27 |
| Sampling Location: | Room 9177 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: **No growth**

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: **No growth**

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 28 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-28

Lab Sample Number: 03 7231-28

Sampling Location: Room 9187B

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/identifications
1030 AIR, Total FUNGAL Count w/identifications

Total BACTERIAL Count: 10 cfu/m3

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 530 cfu/m3

FUNGUS Isolated: Aspergillus niger 100%

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 29 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-29

Lab Sample Number: 03 7231-29

Sampling Location: Room 9176

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Unable to characterize and quantitate bacteria due to heavy fungal growth.

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: >13,000 cfu/m³

FUNGUS Isolated: Aspergillus niger

100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 30 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-30 | Lab Sample Number: | 03 7231-30 |
| Sampling Location: | Room 9197 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count: 20 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 50% |
| | Micrococcus species | 50% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 710 cfu/m³

| | | |
|------------------|-------------------|------|
| FUNGUS Isolated: | Aspergillus niger | 100% |
|------------------|-------------------|------|

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 31 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-31

Lab Sample Number: 03 7231-31

Sampling Location: Room 9196

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count: 30 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 67% |
| | Micrococcus species | 33% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 430 cfu/m³

| | | |
|------------------|---------------------|-----|
| FUNGUS Isolated: | Aspergillus niger | 95% |
| | Penicillium species | 5% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 32 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-32 | Lab Sample Number: | 03 7231-32 |
| Sampling Location: | Room 9190 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count: 20 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 50% |
| | Bacillus species | 50% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 1100 cfu/m³

| | | |
|------------------|-------------------|------|
| FUNGUS Isolated: | Aspergillus niger | 100% |
|------------------|-------------------|------|

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 33 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-33

Lab Sample Number: 03 7231-33

Sampling Location: Room 9194

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 50%
Micrococcus species 50%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 400 cfu/m³

FUNGUS Isolated: Aspergillus niger 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 34 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-34

Lab Sample Number: 03 7231-34

Sampling Location: Room 9189

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count: 40 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 50% |
| | Bacillus species | 25% |
| | Corynebacterium species | 25% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 710 cfu/m³

| | | |
|------------------|---------------------|-----|
| FUNGUS Isolated: | Aspergillus niger | 97% |
| | Penicillium species | 3% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 35 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-35

Lab Sample Number: 03 7231-35

Sampling Location: Room 9191

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 34% |
| | Micrococcus species | 33% |
| | Corynebacterium species | 33% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 90 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Aspergillus niger | 56% |
| | Cladosporium species | 22% |
| | Penicillium species | 22% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 36 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-36

Lab Sample Number: 03 7231-36

Sampling Location: Room 9174

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 290 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 67% |
| | Micrococcus species | 19% |
| | Corynebacterium species | 14% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 40 cfu/m³

| | | |
|------------------|---------------------|-----|
| FUNGUS Isolated: | Aspergillus niger | 75% |
| | Penicillium species | 25% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 37 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-37 | Lab Sample Number: | 03 7231-37 |
| Sampling Location: | Room 9208 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Bacillus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Cladosporium species 67%

Aspergillus niger 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 38 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-38 | Lab Sample Number: | 03 7231-38 |
| Sampling Location: | Room 9207 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Sterilia mycelia 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 39 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-39 | Lab Sample Number: | 03 7231-39 |
| Sampling Location: | Room 9206 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Penicillium species 67%

Cladosporium species 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 40 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-40

Lab Sample Number: 03 7231-40

Sampling Location: Room 9201

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 100 cfu/m³

FUNGUS Isolated: Cladosporium species 40%

Sterilia mycelia 30%

Penicillium species 20%

Aspergillus fumigatus 10%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 41 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-41 Lab Sample Number: 03 7231-41

Sampling Location: Room 9205

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 42 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-42

Lab Sample Number: 03 7231-42

Sampling Location: Room 9171

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 50%

Micrococcus species 50%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

FUNGUS Isolated: Penicillium species 50%

Cladosporium species 50%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 43 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-43 | Lab Sample Number: | 03 7231-43 |
| Sampling Location: | Room 9170 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Cladosporium species | 67% |
| | Penicillium species | 33% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)



AEROBIOLOGY LABORATORY

ASSOCIATES, INCORPORATED

MICROBIOLOGY SPECIALISTS

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 44 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-44

Lab Sample Number: 03 7231-44

Sampling Location: Room 9175

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 60 cfu/m³

| | | |
|------------------|-----------------------|-----|
| FUNGUS Isolated: | Aspergillus fumigatus | 34% |
| | Penicillium species | 33% |
| | Cladosporium species | 33% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 45 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-45

Lab Sample Number: 03 7231-45

Sampling Location: Room 9167

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Sterilia mycelia

67%

Cladosporium species

33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 46 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-46

Lab Sample Number: 03 7231-46

Sampling Location: Room 9165

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Cladosporium species 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 47 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-47

Lab Sample Number: 03 7231-47

Sampling Location: Room 9161

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 120 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 50% |
| | Corynebacterium species | 25% |
| | Micrococcus species | 17% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

| | | |
|------------------|-----------------------|-----|
| FUNGUS Isolated: | Aspergillus fumigatus | 50% |
| | Cladosporium species | 50% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 48 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-48 Lab Sample Number: 03 7231-48

Sampling Location: Room 9163

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

FUNGUS Isolated: Cladosporium species 50%

Sterilia mycelia 50%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 49 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-49

Lab Sample Number: 03 7231-49

Sampling Location: Room 9158

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 40 cfu/m³

BACTERIA Isolated: Bacillus species

100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Cladosporium species

67%

Geotrichum species

33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 50 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-50 Lab Sample Number: 03 7231-50

Sampling Location: Room 9156

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Penicillium species 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 51 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------------------------------|---------------------------|------------|
| Client Sample Number: | BL031117-51 | Lab Sample Number: | 03 7231-51 |
| Sampling Location: | Kitchenette In Hall, Near Room 9157 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Cladosporium species 67%

Yeast 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 52 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-52

Lab Sample Number: 03 7231-52

Sampling Location: Room 9157

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m3

BACTERIA Isolated: Coag-negative Staphylococcus species 50%
 Corynebacterium species 50%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 53 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-53

Lab Sample Number: 03 7231-53

Sampling Location: Room 9152

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Cladosporium species 67%

Penicillium species 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 54 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-54 Lab Sample Number: 03 7231-54

Sampling Location: Rom 9148

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 40 cfu/m³

BACTERIA Isolated: Bacillus species 75%

 Coag-negative Staphylococcus species 25%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 40 cfu/m³

FUNGUS Isolated: Aspergillus fumigatus 50%

 Penicillium species 25%

 Sterilia mycelia 25%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 55 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-55

Lab Sample Number: 03 7231-55

Sampling Location: Room 9146

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 67% |
| | Micrococcus species | 33% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 60 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Cladosporium species | 50% |
| | Penicillium species | 33% |
| | Sterilia mycelia | 17% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 56 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-56

Lab Sample Number: 03 7231-56

Sampling Location: Room 9142

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 80 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 50% |
| | Micrococcus species | 26% |
| | Staphylococcus aureus | 12% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 50 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Cladosporium species | 60% |
| | Penicillium species | 20% |
| | Sterilia mycelia | 20% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 57 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-57

Lab Sample Number: 03 7231-57

Sampling Location: Room 9142

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 40 cfu/m³

FUNGUS Isolated: Sterilia mycelia 75%

Cladosporium species 25%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 58 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-58 Lab Sample Number: 03 7231-58

Sampling Location: Room 9136C

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 40 cfu/m³

| | | |
|--------------------|-------------------------|-----|
| BACTERIA Isolated: | Micrococcus species | 50% |
| | Bacillus species | 25% |
| | Corynebacterium species | 25% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Sterilia mycelia | 67% |
| | Cladosporium species | 33% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 59 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-59

Lab Sample Number: 03 7231-59

Sampling Location: Room 9137

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Sterilia mycelia 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 60 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-60 | Lab Sample Number: | 03 7231-60 |
| Sampling Location: | Room 9136 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 110 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Penicillium species 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 61 of 71

Job ID: 03 7231

Client Sample Number: BL031117-61 **Lab Sample Number:** 03 7231-61

Sampling Location: Room 9135

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 50%

Bacillus species 50%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Sterilia mycelia 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)



AEROBIOLOGY LABORATORY

ASSOCIATES, INCORPORATED

MICROBIOLOGY SPECIALISTS

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 62 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-62

Lab Sample Number: 03 7231-62

Sampling Location: Room 9136A

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 40 cfu/m³

FUNGUS Isolated: Sterilia mycelia 50%

Aspergillus fumigatus 25%

Geotrichum species 25%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 63 of 71

Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-63

Lab Sample Number: 03 7231-63

Sampling Location: Room 9134

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Micrococcus species | 67% |
| | Coag-negative Staphylococcus species | 33% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

| | | |
|------------------|----------------------|------|
| FUNGUS Isolated: | Cladosporium species | 100% |
|------------------|----------------------|------|

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 64 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-64 | Lab Sample Number: | 03 7231-64 |
| Sampling Location: | Room 9128 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 40 c f u / m 3

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 75% |
| | Corynebacterium species | 25% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 80 c f u / m 3

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Cladosporium species | 50% |
| | Sterilia mycelia | 38% |
| | Penicillium species | 12% |

Detection Limits: 10 c f u / m 3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 65 of 71
Job ID: 03 7231

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-65 Lab Sample Number: 03 7231-65

Sampling Location: Room 9129

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 66 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-66 | Lab Sample Number: | 03 7231-66 |
| Sampling Location: | Room 921 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 80 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 88% |
| | Corynebacterium species | 12% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Sample damaged in transit; able to analyze.

Total FUNGAL Count: 50 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Penicillium species | 40% |
| | Cladosporium species | 40% |
| | Geotrichum species | 20% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 67 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031117-67 | Lab Sample Number: | 03 7231-67 |
| Sampling Location: | Room 9127 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 c f u / m 3

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 c f u / m 3

FUNGUS Isolated: Cladosporium species 34%
Penicillium species 33%
Sterilia mycelia 33%

Detection Limits: 10 c f u / m 3

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 68 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-68 | Lab Sample Number: | 03 7231-68 |
| Sampling Location: | Room 9124 | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Sterilia mycelia 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 69 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-69

Lab Sample Number: 03 7231-69

Sampling Location: Elevator Area-Core

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED:

1030 AIR, Total FUNGAL Count w/Identifications

1005 AIR, Total BACTERIAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m³

FUNGUS Isolated: Cladosporium species 67%

Sterilia mycelia 33%

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 11/18/2003
Date Reported: 11/24/2003
Page 70 of 71
Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031117-70 | Lab Sample Number: | 03 7231-70 |
| Sampling Location: | Outdoors | | |
| Date Collected: | 11/17/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 40 cfu/m³

| | | |
|--------------------|-------------------------|-----|
| BACTERIA Isolated: | Corynebacterium species | 75% |
| | Bacillus species | 25% |

Date Analyzed: 11/20/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 150 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Cladosporium species | 47% |
| | Penicillium species | 27% |
| | Sterilia mycelia | 13% |

Detection Limits: 10 cfu/m³

Date Analyzed: 11/24/2003

Analyst: Debra Gulick, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003

Date Reported: 11/24/2003

Page 71 of 71

Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Results relate only to the items tested.

Suzanne S. Blevins

Suzanne S. Blevins, B.S., SM (ASCP)
Laboratory Director

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 1 of 44
Job ID: 03 7672

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031208-01 | Lab Sample Number: | 03 7672-01 |
| Sampling Location: | Room 9096 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/identifications
1030 AIR, Total FUNGAL Count w/identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 2 of 44
Job ID: 03 7672

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031208-02 | Lab Sample Number: | 03 7672-02 |
| Sampling Location: | Room 9094 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Micrococcus species | 67% |
| | Coag-negative Staphylococcus species | 33% |

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 3 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-03 Lab Sample Number: 03 7672-03

Sampling Location: Room 9101

Date Collected: 12/8/2003 Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Client Sample Number: BL031208-04 Lab Sample Number: 03 7672-04

Sampling Location: Room 9103

Date Collected: 12/8/2003 Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m3

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 4 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031208-05 | Lab Sample Number: | 03 7672-05 |
| Sampling Location: | Room 9108B | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: **No growth**

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: **No growth**

Detection Limits: **10 cfu/m³**

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 5 of 44
Job ID: 03 7672

Client Sample Number: BL031208-06 Lab Sample Number: 03 7672-06

Sampling Location: Room 9109

Date Collected: 12/8/2003 Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 50%
 Corynebacterium species 50%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Penicillium species 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 6 of 44

Job ID: 03 7672

Client Sample Number: BL031208-07

Lab Sample Number: 03 7672-07

Sampling Location: Room 9119

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 40 cfu/m³

BACTERIA Isolated:

| | |
|--------------------------------------|-----|
| Coag-negative Staphylococcus species | 50% |
| Micrococcus species | 25% |
| Bacillus species | 25% |

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 7 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-08 | Lab Sample Number: | 03 7672-08 |
| Sampling Location: | Room 9120 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 40 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 50% |
| | Micrococcus species | 50% |

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

| | | |
|------------------|------------------|-----|
| FUNGUS Isolated: | Sterilia mycelia | 50% |
| | Yeast | 50% |

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 8 of 44

Job ID: 03 7672

Client Sample Number: BL031208-09

Lab Sample Number: 03 7672-09

Sampling Location: Rom 9126

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Micrococcus species 50%
Corynebacterium species 50%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 9 of 44

Job ID: 03 7672

Client Sample Number: BL031208-10 **Lab Sample Number:** 03 7672-10

Sampling Location: Room 9131

Date Collected: 12/8/2003 **Volume/Area:** 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Client Sample Number: BL031208-11 **Lab Sample Number:** 03 7672-11

Sampling Location: Room 9132

Date Collected: 12/8/2003 **Volume/Area:** 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 10 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

Client Sample Number: BL031208-12 Lab Sample Number: 03 7672-12

Sampling Location: Room 9133

Date Collected: 12/8/2003 Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 50%
 Bacillus species 50%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 11 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-13 | Lab Sample Number: | 03 7672-13 |
| Sampling Location: | Room 9136B | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 12 of 44

Job ID: 03 7672

Client Sample Number: BL031208-14

Lab Sample Number: 03 7672-14

Sampling Location: Room 9138

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 60 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 83%
Micrococcus species 17%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 13 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-15 | Lab Sample Number: | 03 7672-15 |
| Sampling Location: | Room 9139 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 67%
 Corynebacterium species 33%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 14 of 44

Job ID: 03 7672

Client Sample Number: BL031208-16

Lab Sample Number: 03 7672-16

Sampling Location: Room 9140

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 80 cfu/m³

BACTERIA Isolated: Bacillus species 38%
Micrococcus species 38%
Coag-negative Staphylococcus species 24%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 15 of 44
Job ID: 03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-17

Lab Sample Number: 03 7672-17

Sampling Location: Room 9143

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 50 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 40%
 Bacillus species 40%
 Non-fermentative gram neg. rod 20%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 16 of 44
Job ID: 03 7672

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031208-18 | Lab Sample Number: | 03 7672-18 |
| Sampling Location: | Room 9145 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 17 of 44
Job ID: 03 7672

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-19 | Lab Sample Number: | 03 7672-19 |
| Sampling Location: | Room 9144 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 c f u / m 3

BACTERIA Isolated: Bacillus species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 c f u / m 3

FUNGUS Isolated: Sterilia mycelia 100%

Detection Limits: 10 c f u / m 3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 18 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-20 Lab Sample Number: 03 7672-20

Sampling Location: Room 9147

Date Collected: 12/8/2003 Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/identifications**
 1030 AIR, Total FUNGAL Count w/identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m3

FUNGUS Isolated: Aspergillus species 100%

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 19 of 44

Job ID: 03 7672

Client Sample Number: BL031208-21

Sampling Location: Room 9149

Date Collected: 12/8/2003

Lab Sample Number: 03 7672-21

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Aspergillus sydowii

100%

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 20 of 44

Job ID: 03 7672

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-22 | Lab Sample Number: | 03 7672-22 |
| Sampling Location: | Room 9150 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 50% |
| | Micrococcus species | 50% |

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 21 of 44
Job ID: 03 7672

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031208-23 | Lab Sample Number: | 03 7672-23 |
| Sampling Location: | Room 9151 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Sterilia mycelia 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 22 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-24

Lab Sample Number: 03 7672-24

Sampling Location: Room 9154

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 23 of 44

Job ID: 03 7672

Client Sample Number: BL031208-25 Lab Sample Number: 03 7672-25

Sampling Location: Room 9164

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

BACTERIA Isolated: Bacillus species 67%
 Corynebacterium species 33%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 24 of 44
Job ID: 03 7672

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-26 | Lab Sample Number: | 03 7672-26 |
| Sampling Location: | Room 9162 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 67% |
| | Bacillus species | 33% |

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m³

| | | |
|------------------|----------------------|-----|
| FUNGUS Isolated: | Aspergillus ustus | 50% |
| | Cladosporium species | 50% |

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 25 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031208-27 | Lab Sample Number: | 03 7672-27 |
| Sampling Location: | Room 9173 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Bacillus species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 26 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-28 | Lab Sample Number: | 03 7672-28 |
| Sampling Location: | Room 9168 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 20 cfu/m³

| | | |
|--------------------|--------------------------------|-----|
| BACTERIA Isolated: | Bacillus species | 50% |
| | Non-fermentative gram neg. rod | 50% |

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

| | | |
|------------------|-------|------|
| FUNGUS Isolated: | Yeast | 100% |
|------------------|-------|------|

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 27 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-29

Lab Sample Number: 03 7672-29

Sampling Location: Room 9169

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Bacillus species

100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Cladosporium species

100%

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 28 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

Client Sample Number: BL031208-30 Lab Sample Number: 03 7672-30

Sampling Location: Room 9172

Date Collected: 12/8/2003 Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 29 of 44

Job ID: 03 7672

Client Sample Number: BL031208-31 Lab Sample Number: 03 7672-31

Sampling Location: Room 9173

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Bacillus species

100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 30 of 44

Job ID: 03 7672

Client Sample Number: BL031208-32

Lab Sample Number: 03 7672-32

Sampling Location: Room 9192

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m3

BACTERIA Isolated: Streptomyces species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 31 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-33 Lab Sample Number: 03 7672-33

Sampling Location: Room 9193

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 cfu/m3

FUNGUS Isolated: Penicillium species 50%

Sterilia mycelia 50%

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 32 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-34 | Lab Sample Number: | 03 7672-34 |
| Sampling Location: | Room 9195 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 c f u / m3

BACTERIA Isolated: Coag-negative Staphylococcus species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 20 c f u / m3

FUNGUS Isolated: Aspergillus niger 50%
 Aspergillus species 50%

Detection Limits: 10 c f u / m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 33 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-35

Lab Sample Number: 03 7672-35

Sampling Location: Room 9199

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

BACTERIA Isolated: Streptomyces species 67%
Micrococcus species 33%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Date Received: 12/9/2003

Date Reported: 12/15/2003

Page 34 of 44

Job ID: 03 7672

Client Sample Number: BL031208-36

Lab Sample Number: 03 7672-36

Sampling Location: Room 9202

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 35 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-37

Lab Sample Number: 03 7672-37

Sampling Location: Room 9209

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

BACTERIA Isolated: Coag-negative Staphylococcus species 67%
Bacillus species 33%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 36 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-38 | Lab Sample Number: | 03 7672-38 |
| Sampling Location: | Room 9203 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-39 | Lab Sample Number: | 03 7672-39 |
| Sampling Location: | Room 9204 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 37 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-40 | Lab Sample Number: | 03 7672-40 |
| Sampling Location: | Room 9201A | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-41 | Lab Sample Number: | 03 7672-41 |
| Sampling Location: | Room 9198 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m3

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)



AEROBIOLOGY LABORATORY

ASSOCIATES, INCORPORATED

MICROBIOLOGY SPECIALISTS

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 38 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-42 | Lab Sample Number: | 03 7672-42 |
| Sampling Location: | Room 9198 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 39 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031208-43 | Lab Sample Number: | 03 7672-43 |
| Sampling Location: | Room 9186 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 30 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Coag-negative Staphylococcus species | 34% |
| | Bacillus species | 33% |
| | Non-fermentative gram neg. rod | 33% |

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 40 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-44 | Lab Sample Number: | 03 7672-44 |
| Sampling Location: | Room 9183 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Aspergillus niger 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 41 of 44
Job ID: 03 7672

Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-45 | Lab Sample Number: | 03 7672-45 |
| Sampling Location: | Room 9180A | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Bacillus species 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

| | | | |
|------------------------------|-------------|---------------------------|------------|
| Client Sample Number: | BL031208-46 | Lab Sample Number: | 03 7672-46 |
| Sampling Location: | Room 9114 | | |
| Date Collected: | 12/8/2003 | Volume/Area: | 100 L |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 42 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-47

Lab Sample Number: 03 7672-47

Sampling Location: Room 9112

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 60 cfu/m³

| | | |
|--------------------|--------------------------------------|-----|
| BACTERIA Isolated: | Bacillus species | 50% |
| | Coag-negative Staphylococcus species | 33% |
| | Micrococcus species | 17% |

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 43 of 44
Job ID: 03 7672

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-48 Lab Sample Number: 03 7672-48

Sampling Location: Outdoors

Date Collected: 12/8/2003

Volume/Area: 100 L

TEST REQUESTED: **1005 AIR, Total BACTERIAL Count w/Identifications**
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: 10 cfu/m³

BACTERIA Isolated: Non-fermentative gram neg. rod 100%

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 10 cfu/m³

FUNGUS Isolated: Aspergillus species 100%

Detection Limits: 10 cfu/m³

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)



Certificate of Laboratory Analysis

Applied Environmental, Inc.
11800 Sunrise Valley Dr., Suite 1200
Reston, VA 20191
Attn:
Project: 910-02-0520-0426 Sky 5 9th Floor
Condition of Sample: Acceptable

Date Received: 12/9/2003
Date Reported: 12/15/2003
Page 44 of 44
Job ID: 03 7672

| | | | |
|-----------------------|-------------|--------------------|------------|
| Client Sample Number: | BL031208-49 | Lab Sample Number: | 03 7672-49 |
| Sampling Location: | Blank | | |
| Date Collected: | 12/8/2003 | Volume/Area: | |

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications
1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count: No growth

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth

Detection Limits: N / A

Date Analyzed: 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)

Results relate only to the items tested.

Suzanne S. Blevins

Suzanne S. Blevins, B.S., SM (ASCP)
Laboratory Director

ATTACHMENT 3
OCCUPANT INTERVIEW FORMS

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: -0426

Address: Suite 900

Occupant Name: _____ Work Location: 9190

Completed by: Blee Title: Staff 14 Date: 11/19/03

Section 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Dry throat - cough

Eyes itch - dry

Are you aware of other people with similar symptoms or concerns? Yes ☒ No ☐

If so, what are their names and locations? Ms. McGinness

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | <input checked="" type="checkbox"/> <u>Smoking</u> | |

TIMING PATTERNS

When did your symptoms start?

About 1999

When are they generally worst?

First thing in morning

Do they go away? If so, when?

Get better at home unless smoking & much

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Different offices throughout suite and building

Where do you spend most of your time in the building?

Bulk of time spent in office

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Early morning, ~~except~~ after weekend, air appears to be stale

Have you sought medical attention for your symptoms?

Some but not specific to discomfort

Do you have any other comments?

1999-2000 suite had exposure of bad air quality
Entire staff went to Pentagon Medical
Stale air has been going on for years but has
gotten worse recently

Has fans in office to reduce stale air and
stifling

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 426

Address: _____

Occupant Name: _____ Work Location: 915D

Completed by: B. Lee Title: Staff 1H Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Headaches, eyes itchy
Temperature complaints -

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

☐ contact lenses ☐ chronic cardiovascular disease ☐ undergoing chemotherapy or radiation therapy

☒ allergies ☐ chronic respiratory disease ☐ immune system suppressed by disease or other causes

no positives

☐ chronic neurological problems

TIMING PATTERNS

When did your symptoms start?

Upon entering office

When are they generally worst?

After 8h office for a while

Do they go away? If so, when?

Yes when go home

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Air is stale or stuffy. Air is
smell seem to enhance discomfort.

Occupant Interview

Page 2 of 2

Spatial Patterns

Where are you when you experience symptoms or discomfort?

In office

Where do you spend most of your time in the building?

Most in office but around the fusion

Additional Information

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Temperature re

Have you sought medical attention for your symptoms?

NO

Do you have any other comments?

Air is stuffy, too hot or too cold.
Has had problems since water incurs are
Smells carpet deodorizer after remediation
Fresh air concerns.
odor concerns.
Concerns of asbestos in carpet(?)

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: -0426

Address: Suite 900

Occupant Name: _____ Work Location: 9135

Completed by: B. Lee Title: Staff 1H Date: 11/19/03

Section 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

None
No complaints other than stale air on Mondays
"stuffy"

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Mondays - air seems stuffy after
shutdown of A/C.

No complaints

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: - 0426

Address: Suite 900

Occupant Name: _____ Work Location: 9207

Completed by: B. Lee Title: Staff 14 Date: 11/19/03

Section 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

No complaints (see comments)

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

During rain events, water enters office
from around windows.
Minor mold growth is cleaned upon discovery.

Occupant Interview

Page 1 of 2

Building Name: Skylar 5 File Number: -0422

Address: Suite 900

Occupant Name: _____ Work Location: 9178

Completed by: Blee Title: Staff 1H Date: 11/19/13

Section 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Temperature discomfort

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|---|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| | <input type="checkbox"/> chronic neurological problems | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Vanes

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Temperatures warm in summer - cold in winter

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: -0426

Address: Suite 900

Occupant Name: _____ Work Location: 9206

Completed by: B Lee Title: Staff IH Date: 11/19/05

Section 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

1) cough - can not attribute to IAQ

2) temperature complaints

Are you aware of other people with similar symptoms or concerns? Yes _____ No X

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

☐ contact lenses ☐ chronic cardiovascular disease ☐ undergoing chemotherapy or radiation therapy

☐ allergies ☐ chronic respiratory disease ☐ immune system suppressed by disease or

☐ chronic neurological problems

☒ other causes
sinus operation

TIMING PATTERNS

When did your symptoms start?

Six months ago

When are they generally worst?

no specific

Do they go away? If so, when?

Doctor prescribed medicine to reduce cough

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

At home and work

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Occupant Interview

Page 1 of 2

Building Name: Building 5 File Number: -0426

Address: Suite 900

Occupant Name: _____ Work Location: _____

Completed by: Bree Title: Staff / IT Date: 11/19/03

Section 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Temperature complaints

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Temperature extremes throughout floor.
Occupant believe it is related to
personal preference.
Concerned about RADON.

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 0428

Address: Suite 900

Occupant Name: 2 occupants Work Location: 9141

Completed by: Bike Title: Staff H Date: 11/17/03

Section 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Temperature complaints

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input checked="" type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 1 of 2

Building Name: Styline 5 File Number: -0426

Address: Suite 900

Occupant Name: _____ Work Location: 9142

Completed by: Balee Title: Staff 1A Date: 11/19/03

Section 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

No discomfort

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|---|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| | <input type="checkbox"/> chronic neurological problems | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 426
Address: Suite 900
Occupant Name: _____ Work Location: 9/44
Completed by: B. Lee Title: Staff HR Date: 11/19/15

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

No discomfort.

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- ☐ contact lenses ☐ chronic cardiovascular disease ☐ undergoing chemotherapy or radiation therapy
☐ allergies ☒ chronic respiratory disease chronic asthma ☐ immune system suppressed by disease or other causes
☐ chronic neurological problems

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 426
Address: Suite 900
Occupant Name: — Work Location: 9156
Completed by: Blue Title: Staff IH Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Temperature - discomfort (cold)

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Room occupant reported with similar symptom by other occupant.

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 424

Address: Suite 900

Occupant Name: _____ Work Location: 9189

Completed by: B. Lee Title: Staff 14 Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Eyes aching, headaches, swelling of eyelids.

Are you aware of other people with similar symptoms or concerns? Yes _____ No X

If so, what are their names and locations? Anthony Carlise, Eva Johnson, Warren Johnson
all have assorted allergic like

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| | <input type="checkbox"/> chronic neurological problems | |

TIMING PATTERNS

When did your symptoms start?

Before flood

moved to 9154
with no complaints

When are they generally worst?

After

Do they go away? If so, when?

when No, even at home

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Flood response increased symptoms
Moving back to

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

In old office

Where do you spend most of your time in the building?

IN new office

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Office leaked every year that occupant was in office.

Have you sought medical attention for your symptoms?

Yes, Occupational nurse and ophthalmologist with no direct diagnosis.

Do you have any other comments?

Flood moved to new office, no symptoms, then after remediation, moved back to office and symptom started again.

Gone to doctor several years earlier with same symptom from same office. Could be from several years.

First thought, condition was related to contact wear.

Moved to new office, Room 91

Complaints of ^{Indoor Air Quality Forms 186} wet odors after rain storms.
wet carpet smells.

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 426
Address: Suite 900
Occupant Name: _____ Work Location: 9094
Completed by: B. Lee Title: Staff IH Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Headaches, eye itching

Are you aware of other people with similar symptoms or concerns? Yes yes No no

If so, what are their names and locations? Room 9095

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input checked="" type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

Not in a while

When are they generally worst?

Generally worst when stuffy and strong odors

Do they go away? If so, when?

yes, when leave building or change rooms

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

In office

Where do you spend most of your time in the building?

Yes.

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

stale/stuffy air

Have you sought medical attention for your symptoms?

Yes

Do you have any other comments?

stuffy/stale air

Occupant Interview

Page 1 of 2

Building Name: Skylar 5 File Number: 428
Address: Suite 900
Occupant Name: — Work Location: 9182
Completed by: B. Lee Title: Staff IH Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

No serious discomfort

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Had mold growth present at one time. Managed
removed wall, let insulation dry. Has not experienced
any adverse reaction that can be contributed
to IAQ since.

Occupant Interview

Page 1 of 2

Building Name: Skylure 5 File Number: 426
Address: Suite 900
Occupant Name: _____ Work Location: 9111
Completed by: B. Lee Title: Staff IH Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Allergies like symptoms, allergic to dust mites.

Cold air complaints / changed

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|---|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input checked="" type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <i>dust mites</i> | <input type="checkbox"/> chronic neurological problems | |
| <i>mold</i> | | |

TIMING PATTERNS

When did your symptoms start?

No very bad in office

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Not really, normal

Where do you spend most of your time in the building?

yes

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

yes -

Do you have any other comments?

Not so much concerned with IAQ but with maintenance. And has modified supply diffusers to prevent "cold and moist" air. Realizes that housekeeping will not be as good as at her home.

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 426
Address: Suite 900
Occupant Name: — Work Location: 9188
Completed by: B. Lee Title: Staff / H Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

No, not really

Are you aware of other people with similar symptoms or concerns? Yes ☒ No ☒

If so, what are their names and locations? See Alvis David / Room 9154

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Last flood, fans were put in place to dry
around 36 hours after flood.

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 472
Address: Suite 900
Occupant Name: — Work Location: 9107
Completed by: B. Lee Title: Staff IH Date: 11/19/83

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

No adverse comments.

Are you aware of other people with similar symptoms or concerns? Yes _____ No _____

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 426
Address: Suite 900
Occupant Name: — Work Location: 9095
Completed by: Billy Lee Title: Staff 1H Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Stuffy nose, allergy like symptoms in the past, not recently

Are you aware of other people with similar symptoms or concerns? Yes ☒ No ☐

If so, what are their names and locations? Room 9094

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input checked="" type="checkbox"/> allergies | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When moldy smell is present

When are they generally worst?

Not recently, no odors in bldg.

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

IN office

Where do you spend most of your time in the building?

yes

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

ODors (musty, moldy) but have not happened
in awhile.

Have you sought medical attention for your symptoms?

No

Do you have any other comments?

No odors in awhile

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 424
Address: Suite 900
Occupant Name: — Work Location: 9124
Completed by: B. Lee Title: Staff IH Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

NO discomfort

Are you aware of other people with similar symptoms or concerns? Yes X No ~~Yes~~

If so, what are their names and locations? Inga, in old office

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|---|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input checked="" type="checkbox"/> allergies <u>to mold</u> | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| <input type="checkbox"/> chronic neurological problems | | |

TIMING PATTERNS

When did your symptoms start?

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Recently moved offices, had several allergies in older office.

Occupant Interview

Page 1 of 2

Building Name: Skyline 5 File Number: 420

Address: Suite 900

Occupant Name: - Work Location: 9132

Completed by: B. Lee Title: Staff 1st Date: 11/19/03

Sections 4 discusses collecting and interpreting information from occupants.

SYMPTOM PATTERNS

What kind of symptoms or discomfort are you experiencing?

Stuffy/dry air
No discomforts

Are you aware of other people with similar symptoms or concerns? Yes _____ No X

If so, what are their names and locations? _____

Do you have any health conditions that may make you particularly susceptible to environmental problems?

- | | | |
|--|---|--|
| <input type="checkbox"/> contact lenses | <input type="checkbox"/> chronic cardiovascular disease | <input type="checkbox"/> undergoing chemotherapy or radiation therapy |
| <input checked="" type="checkbox"/> allergies <u>Sore</u> | <input type="checkbox"/> chronic respiratory disease | <input type="checkbox"/> immune system suppressed by disease or other causes |
| | <input type="checkbox"/> chronic neurological problems | |

TIMING PATTERNS

When did your symptoms start?

No direct correlations with any symptoms

When are they generally worst?

Do they go away? If so, when?

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

~~Anywhere~~ After holiday mornings are extended period
of A/C downtime

Where do you spend most of your time in the building?

yes

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

~~Happy~~ Generally no problems with IAQ.